



10/089963

C2

PATENT  
Attorney Docket No. 216190  
Client Reference No. F32367US

EMB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number 7,193,207  
Issued: March 20, 2007  
Name of Patentee: Ding et al.  
Title of Invention: Methods and Apparatus for Driving A Quadrupole Ion Trap Device

SUPPLEMENTAL REQUEST FOR CERTIFICATE OF CORRECTION OF  
PATENT PURSUANT TO 37 CFR 1.322(a) AND/OR 1.323

Mail Stop Petitions  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**

OCT 16 2007

**of Correction**

Attn: Decision and Certificate of Correction  
Branch of the Patent Issue Division

Dear Sir:

Applicant, by its attorneys, submits this Supplemental Request for Certificate of Correction of Patent Pursuant to 37 C.F.R. 1.322(a) And/Or 1.323 in response to the letter mailed from the U.S. Patent and Trademark Office ("PTO") issued on August 28, 2007 and received on September 26, 2007 (copy enclosed). Applicant now seeks to correct certain formalities and omissions in its previous submission as identified in this communication from the PTO.

In support of this Supplemental Request for Certificate of Correction, Applicant states the following, with lettered paragraphs corresponding to the paragraphs of the PTO letter of August 28, 2007:

A. The Assignment of the invention from Li Ding and James Edward Nuttall to Shimadzu Research Laboratory (Europe) Ltd. was recorded on June 24, 2003 at Reel/Frame 014202/0775 in patent application Serial No. 10/089,963, which issued into the instant Patent No. 7,193,207 B1 on March 20, 2007 (see 37 C.F.R. 3.11). A copy of the Notice of Assignment Recordation is enclosed.

B. Applicant requests that a Certificate of Correction be issued pursuant to 37 C.F.R. 1.322 and/or 1.323 correcting the name of the Assignee to --Shimadzu Research Laboratory (Europe) Ltd.--. A copy of the previously-submitted Certificate of Correction is also enclosed. The Commissioner is authorized to charge the \$100.00 Petition fee set forth in 37 C.F.R. 1.20(a) to Deposit Account No. 12-1216.

Patent No. 7,193,207 B1  
Issued: March 20, 2007  
Patentee: Ding et al.

C. The Commissioner is authorized to charge any applicable processing fee under 37 C.F.R. §1.17(i) to Deposit Account No. 12-1216. A duplicate copy of this communication is enclosed. Applicant requests that the Certificate of Correction be mailed to the address of its attorneys of record.

Respectfully submitted,



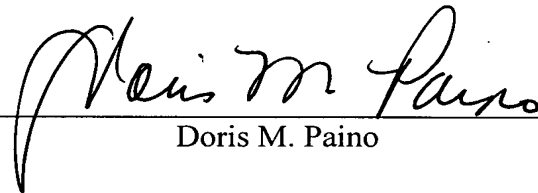
Pamela J. Ruschau, Reg. No. 34,242  
LEYDIG, VOIT & MAYER, LTD.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731  
(312) 616-5600 (Telephone)  
(312) 616-5700 (Facsimile)

Date: October 9, 2007

#### CERTIFICATE OF MAILING

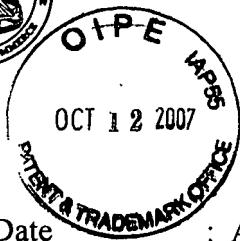
I hereby certify that this SUPPLEMENTAL REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT PURSUANT TO 37 CFR 1.322(a) AND/OR 1.323 (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: 10/9/07

  
Doris M. Paino



UNITED STATES PATENT AND TRADEMARK OFFICE



To: PJR CC: \_\_\_\_\_  
LVM 216190, Mathisen

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
www.uspto.gov

Date : August 28, 2007

LEYDIG, VOIT & MAYER  
RECEIVED

Patent No. : 7193207 B1  
Application No : 10/089963  
Inventor(s) : Ding et al.  
Issued : March 20, 2007  
Title : **METHODS AND APPARATUS FOR DRIVING A QUADRUPOLE ION TRAP DEVICE**  
Docket No. : 216190

JC

LAH

SEP 26 2007

PAY/TM Due Date \_\_\_\_\_

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above-identified patent under the provisions of 37 CFR 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent are based *solely* on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Fee(s) Transmittal Form PTOL-85B. After payment of the issue fee, correction of assignment data submitted on the PTOL-85B can only be done by Certificate of Correction under 37 CFR 1.323, with a request under 37 CFR 3.81(b).

A request for a patent to be corrected to state the name of the assignee must:

- A. state that the assignment was submitted for recordation as set forth in 37 CFR 3.11 before issuance of the patent;
- B. include a request for a certificate of correction under 37 CFR 1.323 along with the fee set forth in 37 CFR 1.20(a); and
- C. include the processing fee set forth in 37 CFR 1.17(i).

If the request is granted, Certificates of Correction Branch will be notified that a Certificate of Correction may be issued.

See Manual of Patent Examining Procedure, Section 1481.01 (Rev. 3) (Oct. 2005).

**Applicant has not included items A and or C above, accordingly, the request for Certificate of Correction to add or change the assignee data is denied.**

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

By mail:                   Mail Stop PETITIONS  
                              Commissioner for Patents  
                              Post Office Box 1450  
                              Alexandria, VA 22313-1450

By hand:                   Customer Service Window  
                              Mail Stop Petitions  
                              Randolph Building  
                              401 Dulany Street  
                              Alexandria, VA 22314

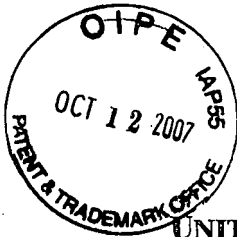
By fax:                    571-273-8300  
                              ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, no additional fee is required.

Elisha Evans  
For Cecelia Newman  
Decisions & Certificates  
of Correction Branch  
(703) 308-9390 ext. 110

LEYDIG VOIT & MAYER, LTD  
TWO PRUDENTIAL PLAZA, SUITE 4900  
180 NORTH STETSON AVENUE  
CHICAGO IL 60601-6731

CBN/eme



PJR

216190

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 17, 2003

PTAS



\*102484741A\*

LEYDIG, VOIT & MAYER, LTD.  
PAMELA J. RUSCHAU  
TWO PRUDENTIAL PLAZA  
STE. 4900  
CHICAGO, IL 60601-6780

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/24/2003

REEL/FRAME: 014202/0775

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DING, LI

DOC DATE: 04/15/2002

ASSIGNOR:

NUTTALL, JAMES EDWARD

DOC DATE: 04/16/2003

ASSIGNEE:

SHIMADZU RESEARCH LABORATORY  
(EUROPE) LTD.  
WHARFSIDE  
TRAFFORD WARF ROAD  
MANCHESTER, UNITED KINGDOM M17 1GP

LEYDIG, VOIT & MAYER, LTD.  
CHICAGO, IL

DEC 24 2003

noted

SERIAL NUMBER: 10089963

FILING DATE: 06/24/2003

PATENT NUMBER:

ISSUE DATE:

LAH

ARR

014202/0775 PAGE 2

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



JUN 24 2003 4:02PM LVM 312 616 5

06-27-2003

NO. 8651 P. 2

6-24-03

RECORD



102484741

S. Department of Commerce  
Patent and Trademark Office

PATENT

Document(s) or copy(ies).

TO: The Commissioner of Patents and Trademarks: Please record the attached

**Submission Type**

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID #  
☐ Correction of PTO Error  
Reel #                      Frame #  
☐ Corrective Document  
Reel #                      Frame #

**Conveyance Type**

- ☒ Assignment  
☐ License  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other:

**Conveying Party(ies)**

1. Li Ding
2. James Edward Nuttall
- 3.
- 4.
- 5.
- 6.

**Execution Date(s)**

April 15, 2002  
April 16, 2002

☐ Mark if Additional Names of Conveying Parties Attached

**Receiving Party**

Name Shimadzu Research Laboratory (Europe) Ltd.  
Name  
Address Wharfside  
Address Trafford Warf Road  
Address Manchester                      United Kingdom                      M17 1GP  
City                      State/Country                      Zip Code

☐ Mark if Additional Names of Receiving Parties Attached

**Correspondent Name and Address**

Pamela J. Ruschau, 34.242  
Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
Chicago, Illinois 60601-6780

Telephone: (312) 616-5600  
Facsimile: (312) 616-5700  
Attorney Docket No. 216190

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers			Patent Numbers		
10/089,963					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT	PCT	PCT
PCT	PCT	PCT

**Number of Properties**

Enter the total number of properties involved:

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

**Method of Payment:**

- ☐ Enclosed is a check in the amount of  
☒ Charge Deposit Account No. 12-1216

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: ☒ Yes ☐ No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Pamela J. Ruschau	<i>Pamela Ruschau</i>	June 24, 2003
Name of Person Signing	Signature	Date

06/27/2003 GTON11 00000013 121216 10089963

01 FC:8021 40.00 DA

Received from <312 616 5700> at 6/24/03 5:05:40 PM [Eastern Daylight Time]

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Li Ding, a Chinese citizen of  
1 Wenlock Road  
Sale  
Manchester M33 3TR  
United Kingdom

James Edward Nuttall, a British citizen of  
3 Reeds Close  
Rawtenstall  
Rossendale  
Lancashire BB4 8ND  
United Kingdom

hereby sell, assign and transfer to:

Shimadzu Research Laboratory (Europe) Ltd.,  
Wharfside  
Trafford Wharf Road  
Manchester M17 1GP  
United Kingdom

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for a United States Letters Patent entitled:

Methods and Apparatus for Driving a Quadrupole Ion Trap Device

which was filed on April 8, 2002 and was amended on  
(hereinafter called the application);  
Serial Number: 10/089,963

- (ii) any and all inventions and improvement which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called the Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.



-2-

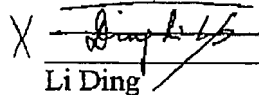
The Assignee and its agents are hereby authorized to insert in this instrument the filing date and serial number of said application.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

Signed at X Manchester, UK

This X 15<sup>th</sup> day of X April 2002

X  Li Ding

Signature of Witness:

X 

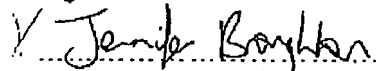
Name of Witness:

X DOROTHY LUMB

Address of Witness:

X 28 OLD ROAD  
WHALEY BRIDGE  
HIGH PEAK, DERBYSHIRE

Signature of Witness:

X 

Name of Witness:

X JENNIFER BROUGHTON

Address of Witness:

X 89 SILVERDALE RD,  
GATLEY, CHEAPE,  
CHESTER, SK8 4RF

Signed at X MANCHESTER, U.K.

This X fifteenth day of April 2002

X James Edward Nuttall  
James Edward Nuttall

Signature of Witness:

X Dorothy Lumb

Name of Witness:

/ DOROTHY LUMB

Address of Witness:

X 28 OLD ROAD  
.....  
..... WHALEY BRIDGE  
.....  
..... HIGH PEAK, DERBYSHIRE

Signature of Witness:

/ Andrew Grelsthorpe

Name of Witness:

/ Andrew Grelsthorpe

Address of Witness:

X Flat 10, Wolseley House  
.....  
..... Dangle Road, Sale,  
..... Cheshire, M33 7FR

Signed at

This \_\_\_\_\_ day of \_\_\_\_\_

Signature of Witness:

.....

Name of Witness:

.....

Address of Witness:

.....

.....

.....

Signature of Witness:

.....

Name of Witness:

.....

Address of Witness:

.....

.....

.....

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,193,207

APPLICATION NO.: 10/089,963

ISSUE DATE : March 20, 2007

INVENTOR(S) : Li Ding, Manchester (GB); James Edward Nuttall, Rossendale (GB)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(73) Assignee: Shimadzu Research Laboratory (Europe) Ltd.,  
Manchester (GB)

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Pamela J. Ruschau, Reg. No. 34,242, Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Ste. 4900, 180 North Stetson Avenue  
Chicago, Illinois 60601-6731

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,193,207

APPLICATION NO.: 10/089,963

ISSUE DATE : March 20, 2007

INVENTOR(S) : Li Ding, Manchester (GB); James Edward Nuttall, Rossendale (GB)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(73) Assignee: Shimadzu Research Laboratory (Europe) Ltd.,  
Manchester (GB)

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Pamela J. Ruschau, Reg. No. 34,242, Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Ste. 4900, 180 North Stetson Avenue  
Chicago, Illinois 60601-6731

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*